National Transportation Safety Board



Office of Railroad, Pipeline and Hazardous Materials Investigations Human Performance and Survival Factors Division Washington, DC. 20594

Survival Factors¹ Factual Report – Addendum # 1

Clarke County – 9-1-1 Emergency Call Center / Central Dispatch – Activities Timeline

June 10, 2008

Failure of Dixie Pipeline Company Pressurized Underground Transmission Pipeline, and Subsequent Liquid Propane Release and Fire, near Carmichael, MS, on November 1, 2007

NTSB Accident Number: DCA 08 MP 001

Compiled by:	// s //	Date _	June 10, 2008
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¹ The scope of the Survival Factors Factual Report [in pipeline accident investigations] exclusively addresses the emergency preparedness and response, and injury causation aspects of the investigation.

Report Content Synopsis

Background -

Communications for emergency services resources of Clarke County (i.e. all fire / rescue, police, EMS [ambulance], Emergency Management, etc.) is performed by the Clarke County Communications [agency], which is essentially comprised of the Clarke County 9-1-1 Emergency Call Center / Central Dispatch facility (referred to hereafter in this report section as E911 / Central Dispatch). The agency, which is located at the County Courthouse in the City of Quitman, is governed by, and is comprised within the domain and responsibility of, the Clarke County Board of Supervisors².

As support to the Survival Factors - Factual Report of the Investigation, this report chronologically documents activities and substantive elements of the E911 / Central Dispatch operation, as occurred on November 1, 2007, for the time interval of 10:35 am, to about 12:45 pm, inclusive, as relative to the Investigation. Information contained in this report was requested of³, and was provided to the Investigation by the senior Principal of the agency⁴, as supplied in a digital compact disk (CD)^{5, 6} containing recorded audio communications [as archived by the agency], as well as other supplied documentation and information collected from various sources by the Survival Factors Group during the Investigation, as noted⁷.

In addition to E911 / Dispatch operational activities, this chronology also contains other activities relevant to this agency as occurred in this event, as documented to the Investigation by other authoritative sources, as also noted, in which also this chronology serves as a *source document* of the activity data for this agency as cited in the Survival Factors Factual Report - Exhibit 11 (Event Chronology "Timeline" Narrative). Activities of other organizations / entities (e.g. the pipeline operator, fire / rescue, various witnesses, etc.), as cited in the Survival Factors Factual Report - Exhibit 11 are not included in this report. Moreover, as this document includes all of the information supplied to the Investigation by E911 / Central Dispatch (as demonstration of the full spectrum of communications activities encountered / undertaken by E911 / Central

² ref., and for further information on this agency, see Survival Factors Factual Report - § 6.8.

⁵ ref. a digital CD supplied to the Investigation by the Director of Clarke County Communications on Mar. 18, 2008, which contained individual files of recorded audio communications (as described in Note 3 of this report), which was used as a source document for this report, in which also the Director of Clarke County Communications represented to the Investigation that the supplied CD content comprised the entire inventory of available recorded audio communications data for the agency for the time interval specified (i.e. ~ 10:35 am to ~ 12:45 pm, inclusive). ⁶ the digital CD supplied to the Investigation on Mar. 18, 2008 replaced a CD that had been supplied to the Investigation on Mar. 12, 2008 by the Director of Clarke County Communications, which was found to contain individual files of recorded audio communications in which the individual activity time references ('timestamp' data) were determined to be incorrectly labeled and were also found to be communications that occurred subsequent to the time interval specified (and thus all of the audio communications files in that CD were discounted for use by the Investigation). The supplied CD [transmittal of Mar. 12, 2008] had further replaced a CD that had been supplied to the Investigation on Nov. 3, 2007 by the Director of Clarke County Communications (during the on-scene phase of the Investigation) that was found to contain no data files whatsoever (i.e. the CD was blank).

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³ request for information was [orally] placed [on Nov. 3, 2007] to the Senior Principal of the agency during the onscene phase of the Investigation, as further formalized in an email to the Senior Principal of the agency, dated Mar. 13, 2008.

⁴ the Director of the Clarke County Communications [agency]

⁷ Information herein this report was affirmed by the Director of the Clarke County Communications [agency], who represented [via email, dated May 15, 2008, to the effect] that the content of this document accurately reflects the facts of the event (as described), to his best knowledge, recollection, and familiarization.

Dispatch that day), in which also some information herein is deemed as peripheral and/or extraneous to the Investigation, some of the activities that are cited in this report are not included in the Survival Factors Factual Report - Exhibit 11.

Data Presentation Format –

The supplied digital CD contained audio communications of automatically recorded 9-1-1 telephone calls (to the agency), Emergency Services [Dispatch] Service Radio transmissions (to/from the agency), and administrative [non-emergency] phone line communications (to/from the agency), with the identification of the individual recorded communications [digital] files as described in Note 3, below.

The identified activities herein are chronologically integrated / sequenced, based upon 'timestamp' identification data of the sequential [digital] files, or as otherwise identified. To describe the essence of an identified activity (as appropriate to context), the individual activities are presented in the format of either (a) a transcript of a recorded telephone call or Dispatch Radio transmission, or (b) a brief [semi-transcript] summarization of recorded telephone call or Dispatch Radio transmission, or (c) summarized narrative notations of an activity (as supplied by the senior principal of the agency, or other authoritative sources, as specifically noted).

Data Interpretation Notes -

- 1. For timestamp [baseline] reference purposes only, based upon current information from the pipeline owner / operator (Dixie Pipeline) and the management service provider (Enterprise Products), the pipeline rupture appears to have likely occurred at 10:35:01, in which also an explosive ignition of the released propane, and a substantial fire, did not occur until several minutes thereafter (witness testimony, and Timeline activities suggest this time interval was about 7½ minutes after the pipeline rupture occurred).
- 2. Transcripts of recorded telephone calls were compiled by the author of this Report, subject to commentary / critique by the senior Principal of the agency.
- 3. Recorded audio communications (supplied in a digital CD, as described herein) Clarke County Communications agency computer file references are depicted in this report as:

Sheriff Department Dispatch Radio identified by: Clarke SO

Fire Department Dispatch Radio identified by: County_Fire

9-1-1 telephone lines (inbound calls) identified by: **911**-1

911-2

911-3

Administrative / non-emergency telephone lines identified by: 3956

3960

3961

Abbreviations / acronym nomenclature used in this report:

approximately

911-log E911 / Central Dispatch - 'Radio Station Log' sheets⁸

10-4 message acknowledged

ackn acknowledge(s) or acknowledgment caller individual [person] placing the call

Ccop this was a call (or other communication) made by CDp via a E911 /

Central Dispatch office phone line (non-recorded), a cellular telephone (also non-recorded) [as might be personally owned, or agency issued], or the SouthernLINC Wireless® communication feature9 of a cellular telephone (also non-recorded), as individually documented in the above cited activity notes (CDan), rev. dated April 11, 2008 (supplied by the Director of E911 / Central Dispatch), and in corresponding

subsequent emails, and in-person and telephone interviews.

CDan an activity individually documented in E911 / Central Dispatch

activity notes (supplied by the Director of E911 / Central Dispatch),

rev. dated April 11, 2008, and subsequent interview discussions.

CDp E911 / Central Dispatch operating personnel

Clarke X Clarke County Sheriff Department, Deputy ID (e.g. "Unit X"),

where Clarke 1 = Sheriff, others = Deputies

Comm Line Communications - radio channel or telephone line

Comsouth technical maintenance contractor of the E911 / Central Dispatch

service radio system¹⁰ (interview and statement of Service Technician

who performed the Service Call on November 1, 2007)

CR County Road

CVFD Carmichael Volunteer Fire Department E911 / CD Clarke County – E911 / Central Dispatch

EOC Emergency Operations Center F female [apparent voice]

FD Fire Department [generic]

fwded forwarded

Hwy highway / roadway identification [name or number]

M male [apparent voice]

msg message

n/a not applicable, or not available

N, S, E, W compass directions; North, South, East, West, respectively

rec'd received rev. revision

secs seconds [time interval]

SO Sheriff's Office (Department) unk unknown, or unable to determine

⁸ the investigation observed that the handwritten notation time references in the 'Radio Station Log' sheets were not accurate relative to the USNO Time Standard (as utilized by the investigation), in which also the identified [notation] discrepancies were reconciled (adjusted commensurately by +2:15) such to reflect the likely correct time (per the USNO Time Standard), and/or were commensurately individually adjusted based upon corresponding events that corroborated the likely correct time of that particular activity, such also to allow a consistent comparison of activity data between [time reporting] entities.

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⁹ a 'walkie-talkie' feature of the cellular telephone (as further described in the Survival Factors Factual Report of the Investigation; see § 6.8.6.a)

¹⁰ as further described in the Survival Factors Factual Report; see § 7.9

actual time	Activity / Information Source	Communication <u>Duration</u> ¹¹	
	[Comm line] [date 15] (hr_min_sec)		Communications Content / Activity 16, 17
10:35:53	Clarke_SO_2007-11-01_10_32_38	0:17	[communication unrelated to the event]
10:36:32	Clarke_SO_2007-11-01_10_34_17	0:11	[communication unrelated to the event]
10:39:56	911 -1_2007-11-01_10_37_41	1:20	transcript of recorded telephone call: CDp: "911, what is your emergency", Caller [a F voice, in an excited voice, which continues for the duration of the call]: [unclear words, then] we in Clarke County 621, [unclear words] it [unclear words] be a gas explosion somewhere around here, [unclear words] we don't know where, all this smoke and gas coming out around the house, CDp: m'am, what's the, umm, address, Caller: 621 County Road, CDp: 621 County Road? Caller: yes m'am, CDp: look, m'am, m'am, I need that correct address, you said 621, what County Road is it? Caller: Waynesboro, CDp: OK, hold on, let me transfer you to Wayne, well hold on just a second, OK,

 $^{^{11}}$ 00:00 = minutes:seconds

¹² see Note 3, above

^{13 &}lt;u>unadjusted</u> file ref timestamp (24-hour clock, formatted 00_00_00 = hour_minute_second)
14 <u>adjusted</u> timestamp to correspond to the USNO Master Clock Time (i.e. reconciled by + 2:15 [min:sec], to reflect a minor time deviation relative to the USNO Master Clock Time, as described in the Survival Factors - Factual Report § 6.8.3), or commensurately individually adjusted based upon corresponding events that corroborated the likely correct time of that particular activity, such also to allow a consistent comparison of activity data between [time reporting] entities.

¹⁵ file names labeled 2007-11-01, in which the file name reference indicates the audio recording date (formatted: 0000-00-00 = year-month-day)

¹⁶ comprised of either a transcription of the call content dialog, or a succinct narrative of call content, as appropriate to depict the essence of the communication activity content.

¹⁷ for considerations of personal privacy, names of individuals, or other informational entities that are not germane to the investigation, are not disclosed in this report.

Caller: [unclear words] gas is explo, gas is everywhere,

CDp: what's your address, is your address 4195?

Caller: [unclear words] yes m'am,

CDp: is it close to you?

Caller: yes m'am, it's all around, three trails around here, and the house,

CDp: do you see the fire up?

Caller: no we don't see a fire, we can see all the gas and [unclear words] smoke

and stuff, [unclear words], we smell gas,

CDp: m'am, Caller: hmmm,

CDp: OK, what do you see?

Caller: gas, it's smelling gas, it's [unclear word] white gas, smelling gas,

smelling gas,

CDp: ya smell, ya smell gas?

Caller: and smoke, CDp: and smoke,

Caller: [unclear words] like somthin' just blowed up, we heard somthin' blow

up,

CDp: OK, we'll get somebody out there now,

Caller: OK, please hurry up,

CDp: OK

Caller: [although CDp had concluded the call (hung-up), caller is heard to

continue saying] gas, please, uuu, are you all right ...,

the sound [caller's voice] then concluded.

10:40:13 **911**-2_2007-11-01_10_37_58

1:33 transcript of recorded telephone call:

[before call is answered, a M voice is heard]: hey, what's the county road,

CDp: "911, what is your emergency",

Caller: hey, we have a, some type of explosion [unclear words; appears to be side-talk from another 911 operator], on CR 621, I believe, [unclear words; appears to be side-talk from another 911 operator], huh?

CDp: some type of explosion?

Caller: yes, there's smoke coming up the road, we, I can't see it but,

CDp: OK, well what ...,

Caller: hold, hold on one second, [unclear words, where it appears caller is speaking to someone else at his location:] what road is this, what road is this, yeah, [unclear words] hold on a second, 621, [unclear words, where it appears caller is speaking to someone else (sounds like a F voice) at his location:] CR 621,

CDp: what's the house number ?,

Caller: uhh, sir, if you come down the road, you'll see it,

CDp: OK,

Caller: I don't know the house number,

CDp: you don't know what type of explosion or anything?,

Caller: I don't know sir, but it's, it's steady roaring,

CDp: OK,

Caller: and if I walk out to the road, I can see a bunch of smoke,

CDp: alright, what's your name?,

Caller: my name is [first name, then last name cited],

CDp: [repeats back the last name to caller, as if to confirm]

Caller: yes

CDp: what's your phone number sir?,

Caller: ahh, the number here is [number cited],

CDp: uhh huh,

Caller: [caller cites the last 4 digits of the phone number],

CDp: [CDp cites the last 4 digits of the phone number, as if to confirm], alright, we'll get somebody to come that way, OK,

Caller: OK, [unclear words], it's, I mean there's smoke coming everywhere,

CDp: OK,

Caller: OK, alright,

CDp: alright.

10:41:12 601-776-**3956**_2007-11-01_10_38_57

0:33 [call unrelated to the event]

10:42~ CDan

n/a Responsive to the 9-1-1 call at 10:39:56 from 4195 CR 621 reporting a an

	explosion on CR 621, and the preceding 9-1-1 call at 10:40:13 reporting similar information on that same road, E911 / Central Dispatch placed a radio dispatch Page to the CVFD (i.e. the CVFD was "toned-out"), with a request to respond to the site of the "loud explosion" reported at 4195 CR 621 ¹⁸ .
10:43:20 Clarke_SO_ 2007-11-01_10_41_05 0:	CDp call to Clarke 5; requested location of Unit, Clarke 5 responded he [the Unit] was on Hwy 512. CDp advised they rec'd a 911 call from [a residential address at] 4329 CR 621, which reported an explosion, where caller was not sure where it [the noise] came from, and caller can see a lot of smoke but didn't know what it is. CDp requested if the Unit could head that way and check it out, and that also CVFD is headed that way. Clarke 5 responded 10-4.
10:43~ CCop un	The [10:43:20*] radio contact to the Sheriff Deputy was followed shortly thereafter by a phone call [office line or cellular] to that same Deputy, reiterating the information received. This was followed shortly thereafter by a phone call [office line or cellular] to another Sheriff Deputy, which provided information to that officer about the reported event (at the 4195 CR 621 location), and a request to respond, along with the 1 st Deputy contacted, to that location, which the 2 nd Deputy acknowledged.
10:43:54 601-776- 3956 _2007-11-01_10_43_39 0:	Sound of a phone call being [digitally] dialed [presumably by CDp staff]; no answer.
10:44~ CCop un	Phone call by CDp to Clarke 1, inquiring if there were any pipelines around County Road 630 and 621, as CDp had received [911 call] reports about an explosion in that area. Clarke 1 responded that there was a pipeline that ran through the Carmichael area. Clarke 1 [also later] noted that he had been listening (casually) to the radio [just prior to this phone call], but [when the E911 / CD placed this inquiry] there was no radio traffic about an incident occurring in the Carmichael area. CDp advised Clarke 1 that two SO Units had been

¹⁸ per standard operating procedure for E911 / Central Dispatch (as further described in the Survival Factors Factual Report; see § 6.8.1.b)

10:45~

CCop

10:45:04 **911**-3 2007-11-01 10 42 49

			dispatched to that location and CVFD had been Paged-out to respond, which Clarke 1 concurred, and Clarke 1 indicated that he would begin closer monitoring of radio traffic for potential activity updates.
10:44~	CDan	n/a	Upon not receiving a radio response acknowledgement to the initial dispatch Page that had been placed to the CVFD about two minutes earlier, the radio

Page that had been placed to the CVFD about two minutes earlier, the radio dispatch Page repeated, which this time was placed to the Theadville Vol. FD¹⁹, with a request to respond to 4195 CR 621. Again, unknown to E911 / Central Dispatch (at that time) was that the Fire Department radio signal "repeater system" had apparently malfunctioned, and the radio dispatch Page to that FD had not been transmitted.

unk Phone call by CDp to Paratech Ambulance Service informing them of the explosion and requesting that they proceed to that location. Medic 1 and Medic 6 [of that organization] advised that they would respond to that location.

2:02 transcript of recorded telephone call: CDp: "911, what is your emergency",

Caller [a F voice]: listen, there has been a great big boom, right out here on, behind my house, and I'm looking out there, and it's smoke coming out right out here in the, behind our house, I don't know what it is, there's two or three big booms.

CDp: OK, m'am,

Caller: I don't know what, where it's coming from,

CDp: OK, m'am, I already contacted the FD, and they're going to be heading that way,

Caller: I don't know if it's in the woods right back there, something's blowedup, or what,

CDp: OK, it's right behind your house?

Caller: yes m'am, honey, it's [unclear words],

CDp: OK,

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¹⁹ per standard operating procedure for E911 / Central Dispatch (as further described in the Survival Factors Factual Report; see § 6.8.1.c)

Caller: [unclear words], I thought it was a airplane that [unclear words], ahh, ahh, airplane blowed-up, ya know,

CDp: yes m'am,

Caller: in the air, and what ever this is, it's right in behind my house, and it's, oh gosh, it's smoke coming everywhere,

CDp: and your address is [house number cited],

Caller: yes, CDp: CR 16?

Caller: and I don't know what it is back there, behind there,

CDp: OK, m'am, we umm, we got somebody on that already, [unclear words], can you see, can you see fire or is it just smoke?

Caller: it's smoke, black smoke,

CDp: black smoke?

Caller: and white smoke, hard to say, I don't know if it has come from off the pipeline back here, or not [unclear words],

CDp: OK, OK, m'am, OK, we're, [unclear words],

Caller: we got a pipeline right below us,

CDp: yes m'am,

Caller: and honey it's terrible smoke coming out from down there,

CDp: OK, well m'am, we got somebody, we already ...

Caller: [unclear words] them to get out from up here,

CDp: OK,

Caller: I don't know what it, like I say, I'm going towards, ahh, I'm being towards, ahh, Carmichael community, [unclear words], I don't know which way ya'll come [unclear words], Carmichael FD, but I'm getting away from here, 'cause it could be something off of that pipeline, cause that pipeline, that Dixie pipeline down through there,

CDp: yes m'am,

Caller: and I'm fixing to leave out from here,

CDp: OK, m'am, we, I already contacted the FD, they're headed that way,

Caller: OK hon,

CDp: alright, thank you, bye.

Note – the following call was merged with a subsequent call (see 'timestamp' 10:46:52)

10:45:27 **911**-1_2007-11-01_10_43_12 note - actual duration of this call (per note):

2:24 transcript of recorded telephone call:

1:25 CDp: "911, what is your emergency",

Caller [a F voice]: something just blowed-up over here in Carmichael, I don't know what it was, [unclear words]

CDp: where abouts in Carmichael, m'am?

Caller: m'am?

CDp: where abouts?

Caller: it look's like it's over around Terri, ahh, I can't think of her last name, ya know where, ahh, Bucky Turner Road in [unclear word] there, oh shoot,

CDp: OK, where what is now?

Caller: Oh, wait a minute, [unclear words, but sounds like: I'm trying to think], I mean it just jarred my house, do you know where Indie Mountain Road is ?

CDp: yes m'am, I do,

Caller: OK, it's on the other side of it, over there towards Carmichael, Terri [name cited],

CDp: Terri [name cited]? on the other side of Terri [name cited]?

Caller: it's around over there at their house, Terri [name cited], and Elouise,

Elouise, ahh,

CDp: [name cited]?

Caller: no, [name cited],

CDp: [name cited]

Caller: Elouise [name cited], Elouise [name cited], it's around over there,

CDp: OK, what's your name?

Caller: I'm [name cited], I live right straight across from 'em in the woods, and it just jarred my house, and there's a big ball of smoke going up, don't know what it was, I don't know if was a house or what's happened over there

CDp: OK, we'll get somebody out there, OK,

Caller: alright, bye

CDp: thanks, Caller: bye bye

10:45:57	601-776-3960_2007-11-01_10_43_42	0:07	Sound of a phone call being [digitally] dialed [presumably by CDp staff].
10:46:09	601-776- 3956 _2007-11-01_10_43_54	1:04	brief [semi-transcript] summarization of recorded call. CDp: "911, what is your emergency", caller: [a F voice], indicated her name, and address [which was] 1 mi N of Shubuta on Hwy 45, [reported] has been some kind of explosion directly behind the caller's house, [caller was placed on hold ~28 secs], CDp: asked caller to repeat event location, Caller: repeated location, CDp: responded the FD is heading that way, caller: "it's back in the woods, it shook my house", CDp: "we got people coming in".
10:46:19	911 -2_2007-11-01_10_44_04	0:23	Sound of a phone call being [digitally] dialed [which appears to be more digits than 911], then [digital] sound of a phone ringing; after 3 rings, no further noise.
10:46:24	601-776- 3960 _2007-11-01_10_44_09	0:39	transcript of recorded telephone call: CDp: "Communications", Caller [a F voice]: hey, ummm, there was something blew-up [unclear words], CDp: OK, around [CR] 621 and 610 ? Caller: [unclear words] CDp: OK, we got the FD heading that way, OK ? Caller: OK CDp: alright Caller: alright, thank you
10:46:51	911 -2_2007-11-01_10_44_36	1:26	transcript of recorded telephone call: CDp: "911, what is your emergency", Caller [a F voice]: yes, I'm on CR 620, working at the chicken houses, and [unclear words] a big explosion, right across the road, about a half a mile off the road, CDp: OK, what is it?

Caller: uhh, [unclear words] know, there was a big explosion, down here across the road, I'm on CR 620,

CDp: you're on 620?, what's your name?, hello?

Caller: yes [unclear brief dialog],

CDp: what's your name?

Caller: this is [name cited], I work at [business name cited] down here on CR 620, there's just been a big explosion across the road, and there's black smoke, fire and flames and everything across the road, I don't know what it was, CDp: OK, [unclear words], did it come from the oil field, or can you tell?, Caller: I can't really tell, because it's just right across the road, it knocked all kind of stuff loose down here,

CDp: OK, are you talking about back towards [sounds like Langsdale], or you talking about back towards where [sounds like Ferga] lives?,

Caller: I really don't know what it is, but it's a big explosion, it knocked [unclear words] the air conditioners out of my windows,

CDp: OK, we got the FD coming, OK, ma'm? [unclear brief dialog, whereupon the call concludes]

Note – the following is interpolated from data of [file] **911**-1_2007-11-01_10_43_12 (i.e. this call was merged with a prior call; see 'timestamp' 10:45:27):

10:46:52 [file name n/a] note - actual duration of this call (per Note):

Carmichael, MS

transcript of recorded telephone call:

0: 59 CDp: "911, what is your emergency",

Caller [a F voice, in a distressed voice, the sound of which suggests the individual is running]: there was some kind of an explosion in the Carmichael community, I don't know what it is, please send ambulances, and aaah, [unclear words] it's some kind of [unclear words],

CDp: OK, we got somebody, m'am, we have, umm, the umm, FD's headed, Caller: [unclear words]

CDp: we have them headed that way, do you know if anybody's hurt or not? Caller: [unclear words] what is it? [where caller is apparently speaking to someone near the caller, it's a pipeline explosion,

CDp: pipeline explosion, [unclear words], OK, do you know if anybody's hurt or not?

Caller: m'am?,

CDp: do you know if anyone is hurt or not? Caller: I don't know, I don't know, m'am,

CDp: OK, we goin', we, we have, umm, the FD is [unclear word] headed that

m'am,

Caller: thank you, thank you,

CDp: you're welcome

10:47:12 601-776-**3960**_2007-11-01_10_44_57

0:59 transcript of recorded telephone call:

CDp: "Communications",

Caller [a F voice]: good morning, this is [provided caller's name] with [name provided of] Security Services, calling with a residential burglar alarm,

CDp: OK, where at?

Caller: [provided address on] CR 621,

CDp: [repeated back the address], OK, I'll get somebody [to] head that way, Caller: I did call the premises, there is a F stating [unclear words], there is

someone on top of her house,

CDp: somebody's on top of her house?

Caller: yes,

CDp: what's the phone number of that residence?

Caller: her call number is [provided number],

CDp: [repeated back the number], OK, what's her name?

Caller: umm, I didn't get her name or anything, CDp: OK, what's the name on the residence?

Caller: that is [provided name],

CDp: [repeated back the name], OK, I'll get somebody [to] head that way, OK,

Caller: OK, can I please have your Operator number?

CDp: Operator One, Caller: thank you,

CDp: alright.

10:47:18 **911**-3_2007-11-01_10_45_03

0:23 Sound of a phone call being [digitally] dialed [which appears to be more digits than 911], then [digital] sound of a phone ringing; after 3 rings, no further noise.

10:47:30	601-776- 3956 _2007-11-01_10_45_15	0:08	Sound a phone call being [digitally] dialed [presumably by CDp staff]; no answer.
10:47:43	601-776- 3956 _2007-11-01_10_45_28	0:07	Sound of a phone call being [digitally] dialed [presumably by CDp staff]; no answer.
10:47:43	911 -3_2007-11-01_10_45_28	0:29	transcript of recorded telephone call: CDp: "911, what is your emergency", Caller [a F voice]: yes, I'm [unclear words] something exploded over here by my house, CDp: OK, we have the, umm, FD headed that way already, Caller: Ohh, thank you very, bye, CDp: bye
10:47:51	601-776- 3956 _2007-11-01_10_45_36	1:07	Sound of a phone call being [digitally] dialed [presumably by CDp staff]; [answer machine response] no msg left.
10:47:58	911 -1_2007-11-01_10_45_43	0:34	transcript of recorded telephone call: CDp: "911", Caller [a M voice]: yes sir, my name is [name cited], [address cited], and uhh, look's like that had something exploded, uhh, north of me, CDp: OK, you don't know what it was? Caller: I don't know if it was pipeline, or what [unclear words], CDp: OK, we got people heading that way, OK, Caller: alright, CDp: alright, thank you. Caller: bye
10:48~	CDan	n/a	Upon not receiving a radio response acknowledgement to the dispatch Page that had been placed to the Theadville Vol. FD about four minutes earlier, repeated the radio dispatch Page, which this time was placed to the Theadville Vol. FD, CVFD, Desoto FD, and Quitman FD, with a request to respond to 4195 CR

621²⁰. Again, unknown to E911 / Central Dispatch (at that time) was that the Fire Department radio signal "repeater system" had apparently malfunctioned, and the radio dispatch Page to the FD's had not been transmitted. 10:48:56 **911**-2_2007-11-01_10_46_41 transcript of recorded telephone call: 0:43CDp: "911, what is your emergency", Caller [a F voice]: [unclear word] we's trying to report some kind of explosion [unclear words]. CDp: OK, m'am, we're umm, we have, we've already contacted the FD, we have 'em headed in that direction, Caller: OK, thank you [unclear words], CDp: but do you know if anybody's hurt or not, or ya just .. ? Caller: no, I can't see it from my house, and it jarred my whole house, CDp: it's just a lot of smoke?, Caller: yeah, [unclear words] black smoke, [unclear words], black smoke, CDp: OK, alright, thank you Caller: aahaa CDp: OK. 10:49:30 **911**-3_2007-11-01_10_47_15 transcript of recorded telephone call: 0:27CDp: "911, what is your emergency", Caller [a M voice]: we just had an explosion out here in Carmichael, CDp: OK, Caller: did ya'll receive [unclear words], CDp: yes, yes, we did, we have, umm, we've already contacted the FD, they're going to be headed in that direction, Caller: OK, you got a hold of them, OK, thank you, CDp: OK, thank you. Sound of a phone call being [digitally] dialed [presumably by CDp staff]: no 10:49:35 601-776-**3956** 2007-11-01 10 47 20 0:07

²⁰ per standard operating procedure for E911 / Central Dispatch (as further described in the Survival Factors Factual Report; see § 6.8.1.c)

answer.

10:49:35	601-776- 3960 _2007-11-01_10_47_20	0:07	[unclear sound]
10:49:38	911 -1_2007-11-01_10_47_23	0:41	transcript of recorded telephone call: CDp: "911, what is your emergency", Caller [a M voice]: aah, what's, what's going on ?, CDp: ahhh, I think it's a pipeline explosion, Caller: Ohh, a pipeline explosion ?, CDp: Umm huh, Caller: I know it's close-by, I'm on [CR] 621, CDp: OK, we have already contacted the FD, and they're going to be headed in that direction, Caller: alright CDp: OK
10:49:51	601-776- 3956 _2007-11-01_10_47_36	0:57	brief [semi-transcript] summarization of recorded call: caller: [a M voice] this is Dixie Pipeline Company, at 8520 CR 630 in Shubuta, [reporting] a blowout on our propane pipeline. CDp: we've got 3 FD's paged-out, coming that way. caller: asked who he was speaking with, CDp: [stated her name], caller: asked if this was a direct line we can get back with you, CDp: responded yes.
10:49:54	601-776- 3960 _2007-11-01_10_47_39	0:08	Sound of a phone call being [digitally] dialed [presumably by CDp staff]
10:50:02	601-776- 3960 _2007-11-01_10_47_47	0:07	Sound of a phone call being [digitally] dialed [presumably by CDp staff]
10:50:12	601-776- 3960 _2007-11_01_10_47_57	0:25	transcript of recorded telephone call: CDp: "Central Dispatch", Caller [a M voice]: hey CDp: hey Caller: this is [name cited], CDp: hey [name cited] [suggesting both individuals knew each other]

Caller: what ya'll got blowing up out this way?

CDp: umm, it's a gonna be a pipeline, the call we received here, it's a pipeline

out that way

Caller: blowed up? CDp: umm haa

Caller: alright, let me go

CDp: bye bye Caller: bye

10:50:39 601-776-**3960**_2007-11-01_10_48_24

0:47 transcript of recorded telephone call:

CDp: "Central Dispatch",

Caller [a F voice]: hey, this is Carmichael 13, ya'll got any 911 calls on that smoke?

CDp: yes m'am, we've contacted the FD and all that already,

Caller: OK, what, is it Carmichael?

CDp: it's out in that area,

Caller: OK, cause I'm looking at smoke, ... he says it's about Langsdale oil field.

CDp: ah huh, [unclear words], yes m'am, that's it,

Caller: it's the Langsdale oil field,

CDp: OK,

Caller: you paged-out the FD? CDp: CDp: yes m'am, we did,

Caller: she says [speaking to someone at caller's location] they've you paged-out

the FD, thank you, CDp: bye, bye

10:51:28 601-776-**3956**_2007-11-01_10_49_13

0:38 brief [semi-transcript] summarization of recorded call:

CDp answered Central Dispatch, [unclear dialog, then mention of trying to page out the FD],

caller: inquired about what was occurring "[unclear words] out that way",

CDp: responded "we're trying to get someone out there now", and that it was [some kind of event in] the oil field, the pipeline out that way.

10:51:33	911 -2_2007-11-01_10_49_18	1:00	transcript of recorded telephone call: [after 4 [digital] rings] CDp: "911, what is your emergency", Caller [a F voice]: this is ahh, I'm calling from the [sounds like Mathisville, Clarke County] area, CDp: yes, m'am, Caller: and we felt a, what appears to be an explosion, an explosion, CDp: yes, m'am, Caller: OK, you guys are aware of it?, CDp: yes, m'am, we have somebody headed in that direction, Caller: alrighty, do you know what it is, ahhh? CDp: ahh, not sure, they're saying maybe an oil, or [unclear word] a pipeline or something, Caller: OK, then, CDp: OK Caller: thanks.
10:52:13	601-776- 3956 _2007-11-01_10_49_58	0:39	brief [semi-transcript] summarization of recorded call: caller [a F voice]: begins speaking [but unclear dialog] CDp: "Central Dispatch", caller [a F voice]: speaks [but unclear dialog, although the two individuals appear to know each other], caller: inquires about what was occurring, CDp: responded it's a pipeline, Caller: said it shook the whole house, CDp: responded we've got 4 FD's coming that way.
10:52:27	601-776- 3960 _2007-11-01_10_50_12	0:32	[as indicated by CDp, this was a communication unrelated to the event]
10:52:46	911 -3_2007-11-01_10_50_31	0:42	transcript of recorded telephone call: CDp: "911, what is your emergency",

Caller [a M voice]: yes ahh, I live in the, ahh, Carmichael community, there's been a big old explosion down here,

CDp: yes sir,

Caller: and ahh, I have no idea what it is, but it rattled the windows [unclear words].

CDp: yes sir, it's a pipeline,

Caller: it's a pipeline ?,

CDp: yes sir, it's over there on CR 630,

Caller: yes, I'm looking at the smoke from my house,

CDp: yes sir, we got FD's headed that way,

Caller: OK, great,

CDp: OK,

Caller: thank you, CDp: ahh huh.

10:52:57 **911**-1_2007-11-01_10_50_42

1:01 transcript of recorded telephone call:

[before call is answered, a F voice is heard]: smoking behind the house here, I'm calling [then unclear words]

CDp: "911, what is your emergency",

Caller [a F voice]: [apparent background noise] oil pipeline

CDp: m'am, Caller: huh? CDp: 911,

Caller: hold on missy, hey, this is Helen [name cited], from [address in the 8500 block of] CR 630, this pipeline behind the house has just blown-up,

CDp: yes m'am, we have, umm, we have already contacted the FD's, and we have them headed in that direction, do you know if anybody's hurt or not? Caller: I don't know, uhh, this black family next door called me, I heard the thing, I thought it was a bunch of helicopters, and it shook the house, [unclear words] in my arm, [unclear words],

CDp: OK,

Caller: [unclear words] hold on, OK, ya'll sending everybody?

CDp: yes m'am, we are,

Caller: I called Dixie Pipeline, I don't know where they're situated, I called the

800 number and told 'em,

CDp: OK, Caller: OK,

CDp: alright, thank you, bye

Caller: bye.

10:54:21 601-776-**3956**_2007-11-01_10_52_06

0:56 brief [semi-transcript] summarization of recorded call:

DCA 08 MP 001

[unclear dialog begins the call] caller [a F voice]: indicates Hunter County, Alabama, [911 agency] was calling; they just rec'd a 911 call about an explosion on Clarke County [road] 620, and wanted to make sure [Clarke County] was aware of the event.

CDp: responded yes, and indicated [to caller] a corrected response location address of [number cited] CR 630, and that it was a Dixie propane pipeline that exploded.

10:54:28 601-776-**3960**_2007-11-01_10_52_13

0:50 transcript of recorded telephone call:

CDp: "Central Dispatch",

Caller [a M voice]: Dispatch?

CDp: hey

Caller: do you got any traffic on an explosion or anything?

CDp: yes we do, it's out there in the Carmichael area, I've had about ten thousand calls on it, but umm, it's a pipeline explosion out that way,

Caller: I know it shook everything here in Shubuta,

CDp: Oh, it did? Caller: yes it did,

CDp: hmmm, we got the FD's and stuff headed that way,

Caller: ah huh, OK, I don't reckon anybody got hurt or anything,

CDp: we hadn't heard, who is this now?

Caller: this is Shubuta three [Police Department officer], CDp: Oh, OK, I thought it was you, just making sure,

Caller: alright, appreciate it

CDp: OK

10:55:23	601-776- 3961 _2007-11-01	_10_53_08	0:25	Sound of a phone call being [digitally] dialed [presumably by CDp staff], with no answer.
10:55:24	601-776- 3956 _2007-11-01	_10_53_09 (0:27	brief [semi-transcript] summarization of recorded call: CDp: "Central Dispatch", caller [a M voice]: Carmichael's FD was trying to call [E911 / CD] on the Fire Channel. CDp: "on the Fire Channel, hmm, we haven't heard them". Caller: "yeah, they've got a fire", CDp: responded OK.
10:55:43	601-776- 3960 _2007-11-01	_10_53_28 (0:26	transcript of recorded telephone call: CDp: "Central Dispatch", Caller [a M voice]: [cited 911 operator's name, as if the they knew each other], CDp: ah huh Caller: Carmichael two's hollering at ya on the radio CDp: we can't hear um, [unclear dialog], Caller: OK CDp: who's this? Caller: Hank, CDp: OK, I can't hear um, I don't know what it is [unclear dialog], but I'm not able to hear um, I'll try again, Caller: OK CDp: OK, good bye
[10:55~]	911-log [note - likely con	rrect time ^{21, 22}] r	n/a	a 10-8 'late entry' notation [in the Log sheet], indicating CDp had switched-over of FD radio calls to the SO signal Repeater.

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²¹ the Logged 10:48 notation was subsequently determined to be inaccurate by several minutes (possibly due to inadvertent manually recorded [time ref.] errors by CDp, as further described in the Survival Factors Factual Report; see § 6.8.2.b).

²² as corroboration of the correct 'timestamp' cited, two inbound phone calls were received [recorded at 10:55:24, and 10:55:43, respectively], indicating to CDp (to the

²² as corroboration of the correct 'timestamp' cited, two inbound phone calls were received [recorded at 10:55:24, and 10:55:43, respectively], indicating to CDp (to the effect) that the CVFD was attempting to contact the CD, in which also the CDp appeared (in the audio recordings) to be unaware of same, which also suggests that the 'frequency changeover' [to the Sheriff Department frequency] had not yet occurred.

10:55~ CCop

n/a

With Clarke 1 having begun closer monitoring of radio traffic for potential activity updates (ref. the 10:44~ activity), in not hearing an acknowledgement response to fire / rescue Page-out calls (to respond to the scene), he had come to suspect that the fire / rescue radio signal "repeater system" had somehow malfunctioned. He attempted radio contact with E911 / Central Dispatch, but (due to limitations on Sheriff Department service radio signal transmission range) was not successful. Clarke 1 then contacted one of his Deputies (who was within transmission range of his hand-held radio), with a request that the Deputy notify E911 / Central Dispatch that the fire / rescue radio signal "repeater system" appears to have failed, with instructions for them to, pursuant to the E911 / Central Dispatch back-up communication plan, switch their radio broadcast communications channel over to the Clarke County Sheriff Department radio signal "repeater system" (for further radio communications to the fire / rescue agencies)²³.

[10:56~] 911-log [note - likely correct time^{24, 25}] n/a

a 10-23 'late entry' notation [in the Log sheet] of CVFD on-scene arrival

Note – as clarification, E911 / Central Dispatch apparently received a 'relayed' radio / telephone communication ²⁶ (likely from one of the on-scene Deputy Sheriff officers), which provided, on behalf of the CVFD, an 'on-scene / arrival status' report ²⁷, indicating, to the effect, that resources of the CVFD had just arrived proximate to the scene (i.e. intersection of CR 620 and CR 621), and that the CVFD [fire truck] was apparently the first arriving piece of firefighting apparatus at the scene, and that the CVFD had already initiated a dispatch of

23

²³ a record (of this communication) in the recorded radio [audio] channels, or a notation in the E911 / Central Dispatch Log Sheets, was not found, although it's possible that this call was made using a cell phone, which utilized a non-recorded, administrative phone line of E911 / CD, or other non-recorded means.

²⁴ the Logged 10:50 notation was subsequently determined to be inaccurate by several minutes (possibly due to inadvertent manually recorded [time ref.] errors by CDp, as further described in the Survival Factors Factual Report; see § 6.8.2.b).

²⁵ as corroboration of the 'timestamp', this activity could not have occurred until the 'frequency changeover' had occurred (see above 10:55~ notation).

²⁶ an audio record in the recorded radio or telephone call [audio] channels was not found in the received documentation, although it's possible that this call was made using a non-recorded cell phone, or administrative phone line of E911 / CD.

²⁷ i.e. a "10-23" Dispatch radio message

other CVFD resources to the scene, and that word to switch-over to the Sheriff Department radio frequency had been received by the CVFD. 10:56:21 **911**-2 2007-11-01 10 54 06 0:38 transcript of recorded telephone call: CDp: "911, what is your emergency", caller [a F voice, in a loud, excited voice, that continues for the duration of the call]: yes, something has blew-up out here in the [unclear word, which could be Carmichael] community, [unclear word] over that way, CDp: yes, m'am, we got the FD coming that way, Caller: what is that? CDp: it's a pipeline? Caller: it blew-up? CDp: I, I'm not sure, M'am, what it is, Caller: 'cause you can see, [unclear words], it's burning at a rage, CDp: OK, we got FD's coming that way, OK, Caller: OK, CDp: thank you. brief [semi-transcript] summarization of recorded call: 10:56:43 601-776-**3956**_2007-11-01_10_54_28 0:41CDp: "Central Dispatch", caller [a F voice]: inquired if anything was happening with any of the schools [what sounds to be in the Meridian area], CDp: responded no, it a situation with a pipeline in the Carmichael area, a pipeline explosion. Caller: thank you 10:58:33 601-776-**3956** 2007-11-01 10 56 18 brief [semi-transcript] summarization of recorded call: 0:40CDp: "Central Dispatch", caller [a F voice]: indicated she lived E of Quitman, said she heard a "boom", and inquired what was occurring; CDp: responded it was a pipeline explosion in Carmichael,

indicated that a response was in progress.

Caller: expressed it scared her and she could feel her trailer "vibrating", CDp

10:59:16 601-776-**3956**_2007-11-01_10_57_01

1:23 brief [semi-transcript] summarization of recorded call:

CDp: "Central Dispatch",

caller [a M voice]: identified his name, said he was a Hamm radio operator, who was in communication [at that moment] with another Hamm radio operator who lives in the Mathisville area, who reported to him an explosion had occurred,

CDp: responded they [E911 / Central Dispatch] already had the FD responding, caller: "you might want to send quite a few people, ... he [the Hamm radio operator in the Mathisville area] said it's pretty big",

CDp: inquired "is it on fire, though",

Caller: asked CDp to please hold and he'll inquire, where the caller returned to his Hamm radio to inquire of the Hamm radio operator [in the Mathisville area], where (after some unclear words),

CDp: inquired if anyone was injured?

Caller: repeated the inquiry [about injuries] to the Hamm radio operator [in the Mathisville area], where (after some unclear words) the caller said "I think Wayne County is going to try and send somebody",

CDp: acknowledged the indication of Wayne County's response.

10:59:25 601-776-**3960**_2007-11-01_10_57_10

0:29 transcript of recorded telephone call:

CDp: "Central Dispatch", caller [a M voice]: hey,

CDp: hey,

Caller: what's happening outside of Quitman?

CDp: who is this?

Caller: this is [identified name] over at the Sheriff's Office,

CDp: OK, we've got a propane explosion out around Carmichael on CR 630,

Caller: OK, people calling in, worrying us to death,

CDp: that's what it is, just tell 'em the FD's are headed that way,

Caller: alright, that's all I need

CDp: OK, bye

unk

11:01~ CCop and Comsouth

Phone call by E911 / CD Director to Comsouth, the technical maintenance

service contractor for the radio equipment, to advise [the VP of the company] that the Fire Repeater was not working. The Director told [the VP of the company] that we have had an explosion in the Carmichael area and that we have paged out three different fire department and none of the fire departments have received their page. The Director advised him that he needed someone as soon as possible because they needed the fire repeater. The [VP of the company] advised that he had someone in the area and that they would be heading that way ASAP.

11:01:07 **Clarke_SO_**2007-11-01_10_58_52

0:44 Clarke 5 calls CD, repeating;

CDp ackn, [Clarke 5 - unclear words] go 10-8,

CDp responded could you 10-9 traffic, radio is very 10-1,

Clarke 5 requested CDp to contact Clarke 6 to go 10-8,

CDp ackn.

11:01:11 601-776-**3956**_2007-11-01_10_58_56

1:04 brief [semi-transcript] summarization of recorded call:

CDp: "Central Dispatch",

caller [a M voice]: inquired what was occurring in the county, near

Shubuta, saying [he just] heard an explosion,

CDp: responded it was a pipeline explosion in Carmichael near CR 630, and that

they already had the FD responding.

11:01:45 601-776-**3960**_2007-11-01_10_59_30

0:40 transcript of recorded telephone call:

CDp: "Central Dispatch",

caller [a M voice]: indicates a name of the CDp operator [apparently recognizing the voice of the CDp operator, where also both persons apparently knew each other],

CDp: hey

Caller: [says his name; sounds like Hank]

CDp: hey

Caller: I just had a call on my Link, [they] said there's a house and a trailer on

fire on CR 621, and explosion,

CDp: OK, [unclear words], we got everybody heading that way now,

			Caller: were ya'll able to Page out any of the [fire] departments? CDp: [unclear words] we're paging all we could, but some are getting it and some are not, but yeah, Caller: OK, but go ahead and page Theadville then, CDp: OK, we did page them, but we'll go ahead and page them again, bye bye.
11:01:56	911 -3_2007-11-01_10_59_41	0:38	transcript of recorded telephone call: CDp: "911, what is your emergency", caller [a F voice]: yes, ahh, [unclear words, with much background static noise] emergency out in the [unclear words] area? CDp: yes, we've got FD's coming that way, whereupon some static noise for a few secs, where the call then concludes.
11:02:27	601-776- 3961 _2007-11-01_11_00_12	1:17	[call unrelated to the event]
11:03:13	Clarke_SO_2007-11-01_11_00_58	0:44	Clarke 5 calls Clarke 9; Clarke 5 inquires if Clarke 9 is headed toward [the incident on] CR 621, Clarke 9 responds in the affirmative, Clarke 5 inquires if Clarke 9 can contact Clarke 15 at home and inquire if he's available to respond, [unclear words].
11:03:39	601-776- 3960 _2007-11-01_11_01_24	1:44	[call unrelated to the event]
11:03:39	601-776- 3956 _2007-11-01_11_01_24	0:50	brief [semi-transcript] summarization of recorded call: CDp: "Central Dispatch", caller [a M voice]: identified himself as the Hamm radio operator [that had just called a few minutes earlier], indicated the incident was located at Road [CR] 620 and 621, CDp: inquired if that was the exact location, caller: "yes, it's exactly at [CR] 620 and [CR] 621", and indicated the name of the other Hamm radio operator [who lives in the Mathisville area, that had been identified / named earlier], saying that other Hamm radio operator was on his

Hamm radio with him, at that location, now.

			CDp asked the name of the other Hamm radio operator, Caller: then repeated the name of the other Hamm radio operator, CDp then asked he [if the other Hamm radio operator] knew the "name" [presumably, meaning the address] of the house that was on fire? Caller: responded "no, it's not a house it's a pipeline that blew up", CDp then acknowledged the information.
11:05:20	601-776- 3961 _2007-11-01_11_03_05	0:45	transcript of recorded telephone call: Sound of a phone call being [digitally] dialed [presumably by CDp staff], call recipient [a M voice]: hey CDp: hey, we need you to go 10-8, we got a big explosion down at umm, [unclear words] my paperwork is everywhere, 82 something, CR 630, down there in the Langsdale area, it's a big explosion on 630, recipient: alright, CDp: we've got everybody out, recipient: [unclear words] CDp: that's what they say, out that way, I tried to call [unclear words] and check on her, recipient: alright, be ready in a minute, CDp: they want you to go 10-8, recipient: alright, CDp: bye
11:05:45	Clarke_SO_2007-11-01_11_03_30	0:015	Clarke 15 call to CD, indicating he's en route to [the incident on] CR 621. CDp ackn, indicating [the time is] 11:00.
11:06~	CCop	unk	Phone call by CDp to the Administrator of H.C. Watkins Hospital [in Quitman], advising him of the explosion in the Carmichael Area, and it was unknown if any injuries at that time, and just calling to put them on standby just in case. The Hospital Administrator responded that he would respond (to activate [the initial stages of] their Preparedness Plan) accordingly.
11:06:06	601-776- 3960 _2007-11-01_11_03_51	0:26	transcript of recorded telephone call:

CDp: "Central Dispatch",

caller [a M voice]: hey, what the SO [Sheriff's Office] got?

CDp: [responding, apparently recognizing the caller's voice] we got a propane explosion out on CR 630,

Caller: OK, that's what it is, ain't a plane crash or anything like that,

CDp: not that we know of, we was advised it was a propane pipeline explosion,

Caller: uuu-wee, alrighty,

CDp: OK, bye Caller: bye

11:06:41 601-776-**3960**_2007-11-01_11_04_26

0:37 transcript of recorded telephone call:

CDp: "Central Dispatch",

caller [a M voice]: yes m'am, this is [cited name], what's ya got out there on [CR] 621?

CDp: it's on, it's going to be close to [CR] 630, is what they advising now, it's going to be a propane gas line leak, an explosion [unclear words], it exploded, the pipeline out there exploded,

Caller: yes, m'am, is it on [CR] 630?

CDp: that's what they advise a while ago, [house number cited] CR 630

Caller: yes, m'am, thank you,

CDp: ahuh

11:07:23 **Clarke_SO_**2007-11-01_11_05_08

0:13 Clarke 5 calls [unclear words], inquiring if that Unit is 10-23.

1:05 Caller: Clarke 9, Central, I'm 23 [unclear words],

CDp: 10-4, [the time is] 11:02.

Caller: Clarke 5, 10-23,

CDp: 10-4, [the time is] 11:02 Clarke 5

Another caller: Clarke [unclear word / Unit #] to Clarke 5,

Clarke 5: go ahead,

Clarke [unclear word / Unit #]: is [unclear word] on 630 ?

Clarke 5: 621, 621,

Clarke [unclear word / Unit #]: [unclear word] the right on 621, from 620,

Clarke 5: kind'a here where these ahhh, chicken houses are down here,

Clarke [unclear word / Unit #]: 10-4,

Clarke [unclear Unit #]: [unclear Unit # to] Clarke 5,

Clarke 5: go ahead,

Clarke [unclear Unit #]: [unclear words] that center ridge?

Clarke 5: 10-4, come to center ridge, take a right, ahh, down here is where the

[name cited] live, down here on this dead end road,

Clarke [unclear Unit #]: 10-4.

11:09:05	Clarke_SO_2007-11-01_11_06_50	0:16	Caller: Clarke 6, Central, I'll be 10-8,

CDp: 10-4, Clarke 6, have you 10-8 at 11:03.

11:09:35 **Clarke_SO_**2007-11-01_11_07_20 0:44 Clarke [unclear Unit #]: Clarke [unclear Unit #]:

CDp: go ahead,

Unidentified Unit #: ya'll be advised, we are not gonna be able to go down in [unclear words], the gas is cut-off, ummm, we've got several houses, ummm, [break in transmission], got the road shut-off right now, [break in transmission],

Clarke [unclear Unit #]: [unclear words]

Clarke [unclear Unit #]: go ahead,

Clarke [unclear Unit #]: ya'll go ahead and shut these roads off, ahh, they won't

be clogged up.

11:09:54 601-776-**3956**_2007-11-01_11_07_39 0:55 brief [semi-transcript] summarization of recorded call:

CDp: "Central Dispatch",

caller [a F voice] identified her first name,

CDp acknowledged the caller (suggesting the two individuals knew each other),

Carmichael, MS

			caller indicated she [caller] was in Stonewall [unclear if location is accurately cited], then inquired if everything is alright down that way by my house [suggesting her residence was near the accident site], CDp: responded there was pipeline explosion near [the intersection of] CR 630 and CR 621, caller: indicated that was where she lived, and asked if everybody was alright and asked if [emergency responders] were on the scene, CDp: responded she [CD] had "no idea", our fire repeater went down, and that [the Communications Director of CD, cited by name] had his hand-held radio, and all she [the CDp staff person] knew was that a propane gas line has exploded down that way. caller: inquired if she had to return home, CDp: responded no and advised not to go [that way] at all, caller repeated that her house was near that location, CDp: said she understood and that her house was in that area also, caller then appeared to become upset, where the call then concluded.
11:10:25	Clarke_SO_2007-11-01_11_08_10	0:34	[appears this to be Clarke 9]: alright, Clarke 2's going to pull his car down the end of the road, down there, Clarke [unclear Unit #]: 10-4, need somebody [at] center ridge, [unclear words] we need to block this off, no body but emergency personnel, Clarke 9: 10-4, Clarke 9 [to] Clarke 6, ya want to stop at Center Ridge? Clarke 6: that's 10-4, I'll be there in about 2 minutes, Clarke 9: 10-4.
11:10:51	601-776- 3960 _2007-11-01_11_08_36	0:07	[unclear noise]
11:11~	CCop	unk	CD Director received a call from the Administrator of H.C. Watkins Hospital [in Quitman], saying that they were ready and that Lakeside Living Center had called and advised them if they need nurses they would have some to come to the hospital or the explosion area.
11:11:04	Clarke_SO_2007-11-01_11_08_49	0:26	Clarke 12: Clarke 12 [to] Clarke 5,

apparently Clarke 5: go ahead

Clarke 12: where do ya want me to go?,

apparently Clarke 5: center ridge church, center ridge church,

Clarke 12: 10-4,

[unclear Unit #]: [unclear words] on Clarke.

11:12:20 **Clarke_SO_**2007-11-01_11_10_05

Carmichael, MS

[no significant sounds] 0:10

11:12:59 601-776-**3956**_2007-11-01_11_10_44

brief [semi-transcript] summarization of recorded call: 1:39

CDp: "Central Dispatch",

caller [a F voice] identified her first name, [who is calling] from Wayne County [presumably, based upon background sounds of the caller, this was Wayne County emergency services 911 / Central Dispatch], inquired if Clarke County [emergency services] will be needing Wayne County assistance [at the incident in progress],

then [unclear dialog between the two],

caller asks is it a fire or is it a pipeline?,

CDp responds it's a pipeline explosion, [a brief pause], CDp then indicates to hold-on [for a moment], then [unclear dialog], CDp asks if [unclear dialog] fire department is already headed that way,

caller indicates "it's going to be 620?"

[then unclear dialog],

caller: says she is speaking to someone else (apparent multiple background conversions in progress by caller, where also Wayne County emergency services Dispatch is also receiving 9-1-1 calls about the event),

[then unclear dialog],

caller: repeats inquiry to CDp that the scene location is at CR 620,

CDp responds yes,

[then unclear dialog],

caller indicates they [Wayne County emergency services] will dispatch [mutual aid] support, indicating also they [mutual aid] are already on their way.

Sound is then heard of a phone call being [digitally] dialed [presumably by CDp staff],

a voice is heard to say "[unclear dialog] woke him up at 10, I'm calling him on his cell phone now, [unclear dialog] did you call [name cited]?", where the voice then concluded.

11:13:18 **Clarke_SO_**2007-11-01_11_11_03

1:08 [unclear Unit #]: go ahead,

[pause]

Clarke 5: Clarke 5 [to] all SO Units, nobody but emergency personnel down here, if they're not in a fire truck, or a law enforcement, or a county vehicle, they need to stay out,

[pause]

Clarke 6: Clarke 6 [to] 5,

Clarke 5: - ahead,

Clarke 6: we got a lot of, ahh, volunteer fireman coming with the fire trucks, ya want to let them on through ?,

Clarke 5: right now, we're try, we going to keep everybody out right now, we can't do nothing until [we] shut this gas off,

Clarke 6: that's 10-4,

[unclear Unit #]: [calling] Clarke 5,

Clarke 5: go ahead,

[unclear Unit #]: [break in transmission] gas go for a little bit, 'cause we got Dixie coming,

Clarke 5: 10-9,

[unclear Unit #]: we're going to let the gas go until Dixie Oil gets here, OK?, Clarke 5: 10-4, that's what we're waiting on.

11:14:42 601-776-**3956**_2007-11-01_11_12_27

0:17 Sound of a phone call being [digitally] dialed [presumably by CDp staff], followed by an automated call forwarding msg [cited by telephone company].

11:14:47 **Clarke_SO_**2007-11-01_11_12_32

0:31 [apparently Clarke 5]: [Clarke] 5 [to] Dispatch,

CDp: [break in transmission] ahead, 5,

CDp: go ahead, Clarke 5,

[unclear noise]

CDp: Clarke 5, your radio's 10-1.

11:15:53 **Clarke_SO_**2007-11-01_11_13_38

0:17 Clarke 12: Clarke 12 [to] Central, I'm at Center Ridge Church, CDp: 10-4 Clarke 12, [the time is] 11:10.

11:16:06 601-776-**3956**_2007-11-01_11_13_51

1:17 brief [semi-transcript] summarization of recorded call:

Sound of a phone call being [digitally] dialed [presumably by CDp staff], which is followed by an automated call forwarding msg [cited by telephone company] to an automatic voice message system,

which is followed by sound of another phone call being [digitally] dialed [presumably by CDp staff],

which [after 5 ring-tone sounds] is followed by an automated call forwarding msg [cited by telephone company] to an automatic voice message system, which is followed by single beep tone and the sound [an automated msg cited by telephone company] "[unclear words] is not available, at the tone please leave a message ...",

which is followed by single beep tone,

which is followed by a caller's voice [presumably of CDp staff] indicating "[unclear words] if you get this message, I need you to go ahead and go 10-8, bye", which concluded the call.

11:16:11 **911**-3_2007-11-01_11_13_56

0:58 transcript of recorded telephone call:

CDp: "911, what is your emergency", caller [a F voice]: ahh, [name cited]

CDp: yes,

Caller: this is [name cited],

CDp: yes,

Caller: is there any danger about [unclear words] down by the [unclear words]?

CDp: yeah, ya'll need to go to the Carmichael umm, community center,

Caller: well, nobody called us [unclear words] ago,

DCA 08 MP 001

CDp: well, they're trying to pass the word around, there's no way to let everybody know [caller's name cited],

Caller: OK, [unclear words],

CDp: this is the only way to find out, if you're listening to the scanner, or if you call in out here,

Caller: [unclear words] somebody called us, and we didn't know, so that's why I'm calling,

CDp: OK, well they're trying to pass the word around as best they can for everybody that's below Carmichael to go to the Carmichael community center, Caller: OK, we'll we're fixing to go,

CDp: OK, Caller: bye. CDp: bye.

11:16:33 601-776-**3960**_2007-11-01_11_14_18

1:14 transcript of recorded telephone call:

CDp: "Central Dispatch",

Caller [a M voice]: [cited a name]?

CDp: this is [CD's name],

Caller: this is [cites his name, which is the Quitman FD Chief],

CDp: hey

Caller: what's wrong with the fire repeater?

CDp: umm, ever since that happened, the fire repeaters are messing up, so we been having to try to talk to them through the SO channel, which I hear nothing is coming through the fire repeater,

Caller: is it still down?

CDp: it's still down, [unclear words] trying to talk through the SO channel,

Caller: OK, is [name of CDp Director] down there?

CDp: yeah,

Caller: OK, ask him does he needs anything,

CDp: hold on [unclear words], OK I'm going to transfer you to his office [call is transferred, which, after an exchange of names, essentially concludes the call]

11:17:27 601-776-**3956**_2007-11-01_11_15_12

2:05 brief [semi-transcript] summarization of recorded call:

Sound of a phone call being [digitally] dialed [presumably by CDp staff], followed by [a M voice] answering "Mississippi Highway Patrol ...", caller [a F voice, presumably of CDp staff] who inquired who is speaking, call recipient: identified himself "this is Trooper Willis",

CDp asked for Captain Mays where the caller also identifies herself [as CDp staff] by name,

call recipient: forwards the call to another phone,

which is answered by [a M voice] indicating he is Captain Mays,

CDp identifies herself [as CDp staff] by name, and requests that he [Captain Mays] contact the Clarke 1 [County Sheriff radio code], caller then provided the [Sheriff 's] contact cell phone number, caller then indicated "we've got a propane explosion down here",

call recipient: [Captain Mays] inquires the location of the explosion,

CDp indicates "... between CR 620 and 630, down [unclear words] Carmichael and the Mathisville and the [unclear words] area,

call recipient: indicates that he will call the Sheriff now,

CDp says "he's down that way, but he wanted us [CDp staff] to have you to call him".

which concluded the call.

11:19:50 601-776-**3956**_2007-11-01_11_17_35

0:48 brief [semi-transcript] summarization of recorded call:

CDp: "Central Dispatch",

caller [a F voice] identifies herself by name, [as a staff person] of the Wayne General Hospital [Waynesboro, MS], where caller indicated they have dispatched an ambulance to the explosion area, where caller has contacted their EOC, where their EOC asked caller to contact Clarke County [CD], where caller inquired if they [CD] knew what the gas is,

CDp: [responded] "it's propane",

caller then asked if they knew if any injuries,

			CDp indicated she thought there were three [injuries], caller: said / inquired "unknown at this point?", paused CDp: [amended this to indicate] "I think it's more than just injuries", Caller: re-verified [that CDp had indicated] that the gas was propane, CDp: reaffirmed info, which concluded the call.
11:20~	CCop	unk	Clarke 5 and/or Clarke 9 advised CDp that 2 bodies had been located, and to alert the County Coroner accordingly.
11:20:50	601-776- 3961 _2007-11-01_11_18_35	1:03	Sound of a phone call being [digitally] dialed [presumably by CDp staff], followed by another phone call being [digitally] dialed, [followed by unclear words, suggesting also that the call is unrelated to the event]
11:21~	ССор	unk	Phone call by CDp placed to Wright's Funeral Home to inform County Coroner, that Clarke 5 and Clarke 9 had advised E911 / Central Dispatch that 2 bodies were deceased. The Coroner advised that he would be heading that way.
11:21:30	601-776- 3956 _2007-11-01_11_19_15	1:47	transcript of recorded telephone call: CDp: "Central Dispatch", caller [a M voice] indicated [he was from] "Dixie", "does your crews on-site out there?" CDp: asked caller to repeat the question, Caller: is your fire trucks on site now? CDp: yes they are, they're out there, Caller: do you got highway patrol, and every body else [out there]? CDp: yeah, Caller: OK, how bad is it? any reports yet? CDp: umm, yeah, they got 3, [unclear words] I don't know if I should say this [unclear words], they got [unclear words, but sounds like "3 bags"] already, Caller: 3 bags already? CDp: 3 bodies, Caller: 3 bodies?

CDp: umm huh

Caller: alrighty, can you ahh, keep us posted, do you have our number up there?

CDp: let me get your number,

Caller: OK, ... is it close to a major highway or a major town?

CDp: umm, no, it's out, on the outskirts,

DCA 08 MP 001

Caller: OK, is the fire out, or is it still burning?

CDp: no they're still out there, ... what's your number?

Caller: [provided phone number]

CDp: what's your name? Caller: [provided name] CDp: with Dixie Gas?

Caller: Dixie Pipeline, yes m'am.

CDp: Dixie Pipeline, OK. Caller: alright, thank you,

CDp: ahuh,

which concluded the call.

Sound is then heard of a phone call being [digitally] dialed [presumably by CDp staff], which [after a number of ring-tone sounds] is followed by an automated call forwarding msg [cited by telephone company] to an automatic voice message system, whereupon the call concluded.

11:23:02 601-776-**3961**_2007-11-01_11_20_47

1:34 transcript (then semi-transcript) of recorded telephone call:

Sound of a phone call being [digitally] dialed [presumably by CDp staff], call recipient [a F voice]: hello,

CDp: [unclear words, which sounds like greeting an acquaintance], recipient: ahaa,

CDp: what are you'll doing?

recipient: [unclear words, which could be "listening to this here"] explosion,

CDp: well, they want everybody to get out of the Carmichael area,

recipient: really?

CDp: yes m'am, they want you to evacuate, recipient: evacuate Carmichael community?

CDp: yes m'am,

recipient: OK, [unclear dialog]

CDp: and anybody else that you know that you can call, [unclear dialog], recipient: ahaa, we had just come from Shubuta, but ahh, what, is it because of

the gas, aah?

CDp: it's a propane gas leak, recipient: propane gas leak,

CDp: uum haa, so if you know anybody else that you can call right quick, tell

them to evacuate the Carmichael area, they want you to get out,

recipient: OK, they don't say for how long, huh,

CDp: no, they didn't tell us,

recipient: where do we go, and how long do we stay [unclear words],

- where the balance of the dialog [~ 30 secs] discusses evacuation destination suggestions [in the direction of Pine Grove] offered by CDp.

11:24:10 **911**-1 2007-11-01 11 21 55

Carmichael, MS

transcript of recorded telephone call: 1:04

CDp: "911, what is your emergency",

Caller [a M voice]: is this, uhh, Clark County?,

CDp: yes it is,

Caller: OK, ahh, is this Dispatch for alarm systems?,

CDp: yes it is,

Caller: my name is [name cited], I'm with Southern Security Services, and we installed an ADT system down in Wayne County for uhh, Brenda [name cited], [unclear words] she just called me, and I think you just dispatched somebody,

CDp: OK, you said it's for Wayne County?,

Caller: yeah,

CDp: OK, I'll have to transfer you, OK?

Caller: yeah, OK,

[unclear words] whereupon sounds of the call being transferred, whereupon words by an unknown voice are heard: 911,

Caller: I think we've got the wrong number, I'm sorry.

Unknown voice: OK

11:25:09	601-776- 3956 _2007-11-01_11_22_54	0:26	Sound of a continuous dial tone.
11:25:18	911 -2_2007-11-01_11_23_03	1:38	transcript (then semi-transcript) of recorded telephone call: CDp: "911, what is your emergency", Caller [a M voice]: uhh, I just called, uhh, about Brenda [name cited], and I said she was in Wayne County, and I was mistaken, she's in Clarke County, CDp: ahhh huh, Caller: and uhh, we installed a, uhh, an ADT Security System, and she just called me, and she's been forced to evacuate here home because there's a big pipeline exploding right next to her home, CDp: ahhh huh, Caller: she wanted to tell you not to send the, ahh, the Sheriff, not to dispatch the Sheriff down here, because it's, ahh, they've been told to evacuate and they already, do you know anything about that? CDp: yes sir, it's a pipeline explosion, Caller: yeah, well this is right next to Ms. [name cited] home, she asked me to call and to tell you not to dispatch, you know, she's, the security system probably went off, - where the balance of the dialog [~ 40 secs] addresses similar discussion content about the security system, and that the resident wanted to be sure the Sheriff didn't need to be dispatched to the residence]
11:26:38	601-776- 3960 _2007-11-01_11_24_23	0:21	transcript of recorded telephone call: CDp: "Central Dispatch" CDp: "Central Dispatch" (repeated) Caller [a F voice]: hello, I'm trying to get [sound like "through to"] Paratech [the local ambulance contractor], CDp: Ohh, OK, they're on a call, Caller: thank you
11:28:08	601-776- 3960 _2007-11-01_11_25_53	0:42	transcript of recorded telephone call: CDp: "Central Dispatch",

Caller [a M voice]: hey

CDp: hey

Caller: who is this?

CDp: this is [name cited],

Caller: [name stated back to CD]

CDp: hey

Caller: [unclear words] what's ya got going, this is [name cited], CDp: umm, [unclear words] pipeline explosion in Carmichael,

Caller: at Carmichael?

CDp: aaa huh

Caller: [unclear words] call the Carmichael FD, or what?

CDp: ummm, the FD are already headed out there, out that way [unclear dialog],

you headed out that way?

Caller: yeah CDp: OK Caller: bye

11:31:12 601-776-**3961**_2007-11-01_11_28_57

0:23 Sound of a phone call being [digitally] dialed [presumably by CDp staff], followed by an answer by an automated voice mail box, whereupon the call concluded.

11:32:39 601-776-**3960**_2007-11-01_11_30_24

1:56 transcript of recorded telephone call:

CDp: "Central Dispatch",

Caller [a M voice]: yes m'am, this is [name cited], I'm here at Pine Grove, if you can see if you [unclear words] ask [unclear words] if they want me here or does they want me at Center Ridge,

CDp: OK, where are you at now,

Caller: at Pine, Pine Grove CDp: you're at Pine Grove

Caller: yes m'am, Pine Grove church

CDp: OK, hold on just a second,

where the caller is then placed on hold for the balance of the call [1:30], [where radio transmissions are heard in the background, but unclear where

unk

transmissions are originating from, although [per CDp] this appears to be Clarke 12's radio (inside his patrol cruiser)] whereupon a dial tone sounds to conclude the call.

11:36~ CCop

Phone call by [the Communications Director] to the Quitman School District - Central Office, to inform them the area around County Road 630 and 621 was closed off, and school buses could not go into that area. Quitman schools [are normally] dismissed [for the day] around 1500 hours. [Accordingly, the] Communication Director advised to let the students off the school buses at the Carmichael Community Center. Communication Director spoke with [name cited], Administrative Asst. and asked to speak with Superintendent [name cited] when [name cited] advised that Superintendent Hawley was out of town. Communication Director proceeded to ask for the next one in charge who [name cited] advised would be Director of Transportation, [name cited]. However, [name cited] was not in the office at that time. Communication Director then asked to speak with someone who could make a decision regarding where the students could go that lived in the Carmichael area. [name cited] stated she would have someone to call [the Communications Director] back.

11:38~ CCop

unk E911 / CD Director received a phone call from [name cited], Finance Coordinator for Quitman School District who advised [name cited], told her that Communication Director wanted to speak with someone in charge. [Name cited] stated that she was next in charge and would have to make the decisions. Communication Director advised [name cited] of the crisis in the Carmichael area and that the students who lived in that area could not go home and need to be taken to the Carmichael Community Center.

11:40~ Comsouth

n/a The responding Service Technician of the radio system maintenance contractor arrives at the equipment site [County Jail], and commences to diagnose the apparent system malfunction and performs some maintenance activities, which was completed within a few minutes, where the technician returns to his vehicle, to relocate to another facility containing Clarke County communication equipment (as further described; see 11:52~ activity).

11:52~ CDan and Comsouth	n/a	The responding Service Technician of the radio system maintenance contractor relocates to the E911 / Central Dispatch facility, and continues to diagnose the apparent system malfunction. About 5 minutes later, the Service Technician manually reconnected the communications cables into the corresponding connection sockets, and the radio signal "repeater system" went back on-line (as further described; see 11:57~ activity). The Service Technician performs additional diagnostic work on the system before departing the E911 / Central Dispatch facility (as further described; see 12:15~ activity).
11:57~ CDan [note - likely <u>correct</u> time ²⁸]	n/a	a 10-23 notation [in the Log sheet], indicating a radio transmission is placed to Carmichael FD [a '10-23' call], which was acknowledged as received. From this, E911 / Central Dispatch determines that the apparent malfunction of the FD radio signal "repeater system" has been remedied (by the responding Service Technician of the radio system maintenance contractor), and that the FD repeater system is back on-line. Communications with the Clarke County FD's is able to resume normally on the FD radio signal channel.
12:04:15 County_Fire_ 2007-11-01_12_02_00	0:11	sounds of automated call-sign of [E911 / Central Dispatch] notification [in Morse code)]
12:15~ CDan and Comsouth	n/a	The responding Service Technician of the radio system maintenance contractor completed the diagnostic and performance assessment work on the system, and determined that the E911 / Central Dispatch Service Radio communication system was returned to full performance (whereupon he concluded the Service Call).
12:33:05 County_Fire_ 2007-11-01_12_30_50	0:58	[unclear FD Unit #]: [unclear word] service 10 [unclear FD Unit #]: [unclear FD Unit #] [to] Carmichael, Carmichael FD Unit: go ahead,

²⁸ likely correct time [11:57~] is based upon interview information received from the Service Technician of the radio system maintenance contractor, in which the Logged [11:55~] notation of this activity was subsequently determined to be inaccurate by several minutes (possibly due to inadvertent manually recorded [time ref.] errors by CDp, as further described in the Survival Factors Factual Report; see § 6.8.2.b). Also, no audio record (of this activity) was found in the recorded radio [audio] channels.

[unclear FD Unit #]: just turned off 620, [can you] give me directions again ?, Carmichael FD Unit: come on down about ahh, mile and a half, two miles maybe, ya'll see the, ahh, bunch of chicken houses on the left-hand side now, [unclear words], on the right, keep on going past them, [unclear words] on the left-hand side, [unclear words] behind them [unclear words],

[unclear FD Unit #]: 10-4,

Carmichael FD Unit: [unclear words].

12:36:47 **County Fire** 2007-11-01 12 34 32

0:11 [unclear FD Unit #]: [sound's like call could have been]: Unit 36?

12:37:12 **County_Fire_**2007-11-01_12_34_57

0:56 [unclear FD Unit #]: [to] Carmichael

Carmichael FD Unit: go ahead,

[unclear FD Unit #]: [unclear words] standing in the yard down here, do they

need to evacuate [unclear words],

Carmichael FD Unit: his trailer or his house?,

[unclear FD Unit #]: at the house, right here at the chicken, at the chicken farm, Carmichael FD Unit: I think they want [it to be] within about a mile of here, ahh,

let me call Mr. [name cited], and ahh, let me call ya back, [unclear FD Unit #]: [name cited]'s old place, Carmichael,

Carmichael FD Unit: within a mile of this area [unclear words] be evacuated.

12:43:45 **County_Fire_**2007-11-01_12_41_30

0:47 [unclear FD Unit #]: [unclear words] [to] Carmichael,

Carmichael FD Unit: go ahead,

[unclear FD Unit #]: ain't no sign of fire down here,

Carmichael FD Unit: [unclear words]

[unclear FD Unit #]: the owner of this place is [unclear words], he said there's a brush fire back in there, ahh, it be about 400 yards back in there on fire, he went had in the word of the said to the went had in the word of the word of the word.

back in there and looked at it,

Carmichael FD Unit: 10-4, have [unclear words] on the way, I don't know where

they are.

-- End of Report --